

Notice of Allowability

Application No.

09/752,075

Examiner

Tri H. Phan

Applicant(s)

KUMAR ET AL.

Art Unit

2661

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to the Amendmend on 6/20/2005 and the communication on 7/8/2005.
2. ☒ The allowed claim(s) is/are 1,3-5, 8-15, 43-47 and 49-51 (Now renumbered as 1-20).
3. ☐ The drawings filed on _____ are accepted by the Examiner.
4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☐ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
 6. ☒ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☒ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☒ to Paper No./Mail Date 7/1/2004.
 - (b) ☒ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date 7/1/2004.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftperson's Patent Drawing Review (PTO-948)
3. ☒ Information Disclosure Statements (PTO-1449 or PTO/SB/08),
Paper No./Mail Date 6/20/2005
4. ☐ Examiner's Comment Regarding Requirement for Deposit
of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☐ Interview Summary (PTO-413),
Paper No./Mail Date _____
7. ☒ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____

BRIAN NGUYEN

DETAILED ACTION

Response to Amendment/Arguments

1. This Office Action is in response to the Response/Amendment filed on June 20th, 2005. Claims 2, 6-7 and 16-42 are now canceled and new claims 43-51 are added. Claims 1, 3-5, 8-15 and 43-51 are now pending in the application.

EXAMINER'S AMENDMENT

2. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Mr. Robert B O'Rourke (Reg# 46,972) on July 8th, 2005 and July 13th, 2005.

3. **IN THE CLAIM:**

The following change(s) to the claim(s) 1, 3, 5, 12, 43-44, 47-49 and 51 has been approved by the examiner and agreed upon by applicant:

In claim 1, line 14, delete the word "first" right in front of the word "telephony".

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In claim 3, line 1, substitute the term “claim 2” right in front of the word “wherein” to -- **claim 1** --.

In claim 5, line 1, substitute the term “claim 2” right in front of the word “wherein” to -- **claim 1** --; and in line 3, substitute the term “a first” right in front of the word “telephony” to -- **the** --.

In claim 12, line 3, substitute the word “a” right in front of the term “trunk line” to -- **the** --; and in line 4, substitute the word “a” right in front of the term “telephony network” to -- **the** --.

In claim 43, line 11, substitute the word “said” right in front of the word “call” to -- **a** --.

In claim 44, lines 1-2, substitute the word “a” right in front of the word “call” to -- **the** --; in line 5, substitute the word “an” right in front of the term “trunk line” to -- **the** --; and in line 6, substitute the word “a first” right in front of the term “telephony network” to -- **the** --.

In claim 47, line 3, substitute the term “a first” right in front of the word “telephony” to -- **the** --.

In claim 48, line 1, substitute the status of the claim “New” to -- **Canceled** --.

In claim 49, line 1, substitute the term “claim 48” right in front of the word “wherein” to -- **claim 43** --.

In claim 51, line 1, substitute the term “claim 48” right in front of the word “wherein” to -- **claim 43** --.

Corrections are required.

Allowable Subject Matter

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4. Claims 1, 3-5, 8-15, 43-47 and 49-51 are allowed. The following is an examiner's statement of reasons for allowance:

Claims 1, 3-5, 8-15, 43-47 and 49-51 are considered allowable since when reading the claims in light of the specification, none of the references of record-alone or in combination disclose or suggest the combination of limitations specified in the independent claims including.

Substantially regarding claim 1, the prior art of record fails to disclose the method for sending the ATM source identification and the ATM-TDM correlation tag from the ATM source gateway to the telephony signaling control network, receiving at the ATM destination gateway the ATM source identification and the ATM-TDM correlation tag sent from the telephony signaling control network and sending the ATM-TDM correlation tag from the ATM destination gateway to the ATM source gateway to establish the connection between the ATM destination gateway and the ATM source gateway, sending notification of the call from the telephony signaling control network to the ATM source gateway before the ATM source identification and the ATM-TDM correlation tag are sent to the telephony signaling control network, the notification further identifies which TDM time slot the call will be carried over, the TDM time slot on the trunk line that couples the ATM source gateway to the first telephony network and, especially after receiving the ATM-TDM correlation tag at the ATM source gateway, reflecting within the mapping table of the ATM source gateway that the VPI/VCI address received in the SETUP message with the ATM-TDM correlation tag corresponds to the particular TDM time slot.

Substantially regarding claim 43, the prior art of record also fails to show the method for carrying telephony network traffic over the ATM network as the same manner set forth in claim 1, such as sending the ATM source identification and the ATM-TDM correlation tag from the ATM source gateway to the telephony signaling control network, receiving at the ATM destination gateway the ATM source identification and the ATM-TDM correlation tag sent from the telephony signaling control network and sending the ATM-TDM correlation tag from the ATM destination gateway to the ATM source gateway to establish the connection between the ATM destination gateway and the ATM source gateway; especially sending, from the telephony signaling control network to the ATM destination gateway, which TDM time slot within the trunk line the call will be carried over, the trunk line coupling the ATM destination gateway to the telephony network and updating the mapping table within the ATM destination gateway to reflect that the cell with the particular VPI/VCI corresponds to information carried over the TDM time slot.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

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Conclusion

5. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Tri H. Phan, whose telephone number is (571) 272-3074. The examiner can normally be reached on M-F (8:00-4:30).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Chau T. Nguyen can be reached on (571) 272-3126.

Any response to this action should be mailed to:

Commissioner of Patents and Trademarks

Washington, D.C. 20231

or faxed to:

(571) 273-8300

Hand-delivered responses should be brought to Randolph Building, 401 Dulany Street, Alexandria, VA 22314.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the Technology Center 2600 Customer Service Office, whose telephone number is (571) 272-2600.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR

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system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).



Tri H. Phan
July 13, 2005



BRIAN NGUYEN
PRIMARY EXAMINER